

<b>Name subjects :</b>		<b>Budget constructive system 1</b>		
<b>Code subjects</b>	<b>Case status</b>	<b>Semester</b>	<b>Number of ECTS credits</b>	<b>Number of lessons ( weekly )</b>
PO3PKS1	Required	V	8	2P+2V

<b>Studio programs for organized by : Polytechnic , general studies</b>	
<b>Conditionality other Subjects : None .</b>	
<b>Idea studies subjects :</b> Develop ability at students to solve problems realist construction in practice .	
<p><b>Goals studies subjects :</b>  <i>Budget constructive system 1 has for the goal is for students to meet with basic principles theories construction . Real constructions are adopted theoretical assumptions replace budgetary models on which are analyzed influences loads and actions . So obtained reactions supports , cross-sections forces and kinematic sizes prerequisite are for dimensioning and materialization .</i>          Technical theory The stick is the basis. for analysis . Defining static and deformational independent size stick enables further analysis .          Beams in the plane are classified on static certain and static indefinite system and special ones are analyzed groups carrier with in retrospect on characteristics and advantages and disadvantages each from group carrier .          Benefits are being studied . applications methods deformations .          It is of particular importance and acquaintance with concept mobile loads , way analyses and determination extreme values influence .</p>	
<p><b>Outcomes learning :</b>          A student who successfully overcome this one subject , will be able to :          1. Understands and applies basic principles theories construction in analysis engineering system ;          2. Models real constructions by means of budget model and analyzes influences loads and actions ;          3. Determines reactions supports , cross-section forces and kinematic sizes as basis for dimensioning construction ;          4. Analyzes and distinguishes static certain and static indefinite systems carrier , with understanding their characteristic ;          5. Applies appropriate methods analysis , including method deformation and procedures for determination influence mobile loads .</p>	
<b>Name and last name teacher and Associate :</b> Prof. Dr. Radojko Obradovic	
<b>Method teaching and overcoming materials :</b> lectures , exercises .	
<b>WORK PLAN</b>	
<b>Sunday :</b>	<i>Name methodological unit for lectures (L), exercises (V)</i>
<b>Preparatory Sunday</b>	Introduction , preparation and enrollment semester .
<b>And Sunday</b>	<i>P/V</i> Introduction to statics line carrier ; technical theory stick ;
<b>II</b>	<i>P/V</i> Linear systems in the plane ;.
<b>III</b>	<i>P/V</i> Statuette certain systems ;
<b>IV</b>	<i>P/V</i> Approximate systems ;
<b>V</b>	<i>P/V</i> Lattice systems ;
<b>VI</b>	<i>P/V</i> <b>Colloquium</b>
<b>VII</b>	<i>P/V</i> Energy principles and their application on line carriers ;
<b>VIII</b>	<i>P/V</i> Static indefinite systems ;
<b>IX</b>	<i>P/V</i> Static indefinite systems ;
<b>X</b>	<i>P/V</i> Kinematic indefinite systems - method deformations ;
<b>XI</b>	<i>P/V</i> Kinematic indefinite systems - method deformations ;
<b>XII</b>	<i>P/V</i> Method final elements ;
<b>XIII</b>	<i>P/V</i> Symmetrical carriers ;

XIV	P/V	Influences mobile loads .			
XVI	PZ	Final exam .			
	PZ	Correctional exam deadline			
<b>Obligations student in progress classes</b> : lectures , exercises .					
<b>Email consultations</b> : Yes .					
<b>Load student</b>					
<u>Sunday</u> 8 credits x 40/30 = 10 hours 40 minutes Structure : – 2 hours lectures – 2 hours exercises 6 hours 40 minutes independent work , including consultations .		<u>in the semester</u> Total burden for subject 8x30 = 240h Structure : <b>Teaching</b> and final exam : 10h40min x 16 weeks = 170h40min <b>Necessary preparations</b> before beginning semester ( administration , enrollment , certification ) : 10h40minx2=21h20min <b>Additional work</b> for preparation and laying remedial exam time : 0-48h			
<b>Literature</b> :					
Milan Đurić , Olga Đurić-Peric , Statics construction Gligor Radenkovic . Statics line carrier					
<b>Shapes checks knowledge and evaluation</b> :					
<b>Preliminary</b> exam 40% and exam 60%.					
<b>Rating</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>6</b>
<b>Number point</b>	<b>90-100</b>	<b>80-89</b>	<b>70-79</b>	<b>60-69</b>	<b>50-59</b>